

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/14585

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷ B25F5/00, H02J1/00, H02B7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ B25F5/00, H02J1/00, H02B7/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2003
Kokai Jitsuyo Shinan Koho	1971-2003	Toroku Jitsuyo Shinan Koho	1994-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 9-285006 A (Fuji Heavy Industries Ltd.), 31 October, 1997 (31.10.97), Page 2, right column, line 33 to page 4, right column, line 2; Fig. 1 (Family: none)	1-6
X	JP 2002-142375 A (Nippon Telegraph And Telephone Corp.), 17 May, 2002 (17.05.02), Page 3, right column, line 2 to page 6, left column, line 1; Figs. 1, 5 (Family: none)	1-6

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:
 "A" document defining the general state of the art which is not
 considered to be of particular relevance
 "E" earlier document but published on or after the international filing
 date
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 "X" document of particular relevance; the claimed invention cannot be
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 considered to involve an inventive step when the document is
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 combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search
12 December, 2003 (12.12.03)

Date of mailing of the international search report
13 January, 2004 (13.01.04)

Name and mailing address of the ISA/
Japanese Patent Office

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